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<?xml version="1.0" encoding="UTF-8"?>
<!-- Automatically generated by EDIF ECS SpecBuilder (http://www.edifecs.com) --&gt;
&lt;xsd:schema targetNamespace="http://www.edifecs.com/xdata/200" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns="http://www.edifecs.com/xdata/200"
elementFormDefault="qualified" version="1.0"&gt;
  &lt;xsd:element name="T_Ship_Note_Manifest" type="T_856"/&gt;
  &lt;xsd:complexType name="T_856"&gt;
    &lt;xsd:annotation&gt;
      &lt;xsd:documentation&gt;This Draft Standard for Trial Use contains the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.&lt;/xsd:documentation&gt;
    &lt;/xsd:annotation&gt;
    &lt;xsd:sequence&gt;
      &lt;xsd:element name="Internal-Properties" type="Internal-Properties" minOccurs="0"/&gt;
      &lt;xsd:element name="S_Transaction_Set_Header" type="S_ST"/&gt;
      &lt;xsd:element name="S_Beginning_Segment_for_Ship_Note" type="S_BSN"/&gt;
      &lt;xsd:element name="L_Hierarchical_Level" type="L_HL" maxOccurs="unbounded"/&gt;
      &lt;xsd:element name="S_Transaction_Set_Trailer" type="S_SE"/&gt;
    &lt;/xsd:sequence&gt;
    &lt;xsd:attribute name="Type" type="xsd:string" default="Transaction"/&gt;
    &lt;xsd:attribute name="ID" type="xsd:string" default="856"/&gt;
    &lt;xsd:attribute name="Name" type="xsd:string" default="Ship Notice/Manifest"/&gt;
    &lt;xsd:attribute name="XDataVersion" type="xsd:string" fixed="2.0"/&gt;
    &lt;xsd:attribute name="Standard" type="xsd:string" fixed="X12"/&gt;
    &lt;xsd:attribute name="Version" type="xsd:string" default="V4010"/&gt;
    &lt;xsd:attribute name="GUID" type="xsd:string"/&gt;
    &lt;xsd:attribute name="CreatedBy" type="xsd:string"/&gt;
    &lt;xsd:attribute name="CreatedDate" type="xsd:dateTime"/&gt;
  &lt;/xsd:complexType&gt;
  &lt;xsd:complexType name="EDI-Element-String-Type"&gt;
    &lt;xsd:simpleContent&gt;
      &lt;xsd:extension base="xsd:string"&gt;
        &lt;xsd:attribute name="Type" type="xsd:string" default="Element"/&gt;
        &lt;xsd:attribute name="EDIDataType" type="xsd:string"/&gt;
        &lt;xsd:attribute name="Macro" type="xsd:string" use="optional"/&gt;
        &lt;xsd:attribute name="ApplicationInfo" type="xsd:string"/&gt;
        &lt;xsd:attribute name="ID" type="xsd:string"/&gt;
        &lt;xsd:attribute name="Name" type="xsd:string"/&gt;
      &lt;/xsd:extension&gt;
    &lt;/xsd:simpleContent&gt;
  &lt;/xsd:complexType&gt;
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    &lt;xsd:simpleContent&gt;
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        &lt;xsd:attribute name="Macro" type="xsd:string" use="optional"/&gt;
        &lt;xsd:attribute name="ApplicationInfo" type="xsd:string"/&gt;
        &lt;xsd:attribute name="ID" type="xsd:string"/&gt;
        &lt;xsd:attribute name="Name" type="xsd:string"/&gt;
      &lt;/xsd:extension&gt;
    &lt;/xsd:simpleContent&gt;
  &lt;/xsd:complexType&gt;
  &lt;xsd:complexType name="EDI-Element-Decimal-Type"&gt;
    &lt;xsd:simpleContent&gt;
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        &lt;xsd:attribute name="ApplicationInfo" type="xsd:string"/&gt;
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        &lt;xsd:attribute name="Name" type="xsd:string"/&gt;
      &lt;/xsd:extension&gt;
    &lt;/xsd:simpleContent&gt;
  &lt;/xsd:complexType&gt;
  &lt;xsd:complexType name="EDI-Element-hexBinary-Type"&gt;
    &lt;xsd:simpleContent&gt;
      &lt;xsd:extension base="xsd:hexBinary"&gt;
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        &lt;xsd:attribute name="EDIDataType" type="xsd:string"/&gt;
        &lt;xsd:attribute name="Macro" type="xsd:string" use="optional"/&gt;
        &lt;xsd:attribute name="ApplicationInfo" type="xsd:string"/&gt;
        &lt;xsd:attribute name="ID" type="xsd:string"/&gt;
        &lt;xsd:attribute name="Name" type="xsd:string"/&gt;
      &lt;/xsd:extension&gt;
    &lt;/xsd:simpleContent&gt;
  &lt;/xsd:complexType&gt;</pre>
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  <xsd:simpleContent>
    <xsd:extension base="xsd:base64Binary">
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      <xsd:attribute name="Macro" type="xsd:string" use="optional"/>
      <xsd:attribute name="ApplicationInfo" type="xsd:string"/>
      <xsd:attribute name="ID" type="xsd:string"/>
      <xsd:attribute name="Name" type="xsd:string"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>
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      <xsd:attribute name="EDIDataType" type="xsd:string"/>
      <xsd:attribute name="Macro" type="xsd:string" use="optional"/>
      <xsd:attribute name="ApplicationInfo" type="xsd:string"/>
      <xsd:attribute name="ID" type="xsd:string"/>
      <xsd:attribute name="Name" type="xsd:string"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>
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  <xsd:sequence>
    <xsd:element name="Data-Structure" type="Data-Structure" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="Data-Structure">
  <xsd:sequence>
    <xsd:element name="Lookup" type="Lookup" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="Property" type="Property" minOccurs="0" maxOccurs="unbounded"/>
    <xsd:element name="Data-Structure" type="Data-Structure" minOccurs="0" maxOccurs="unbounded"/>
  </xsd:sequence>
  <xsd:attribute name="Name" type="xsd:string"/>
  <xsd:attribute name="GUID" type="xsd:string"/>
</xsd:complexType>
<xsd:complexType name="Lookup">
  <xsd:simpleContent>
    <xsd:extension base="xsd:string">
      <xsd:attribute name="Name" type="xsd:string"/>
    </xsd:extension>
  </xsd:simpleContent>
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<xsd:complexType name="Property">
  <xsd:simpleContent>
    <xsd:extension base="xsd:string">
      <xsd:attribute name="Name" type="xsd:string"/>
    </xsd:extension>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_ST">
  <xsd:annotation>
    <xsd:documentation>To indicate the start of a transaction set and to assign a control number</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Transaction_Set_Identifier_Code" type="E_143"/>
    <xsd:element name="E_Transaction_Set_Control_Number" type="E_329"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="ST"/>
  <xsd:attribute name="Name" type="xsd:string" default="Transaction Set Header"/>
</xsd:complexType>
<xsd:complexType name="E_143">
  <xsd:annotation>
    <xsd:documentation>Code uniquely identifying a Transaction Set</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="856"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="143"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Transaction Set Identifier Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
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</xsd:complexType>
<xsd:complexType name="E_329">
  <xsd:annotation>
    <xsd:documentation>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="4"/>
      <xsd:maxLength value="9"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="329"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Transaction Set Control Number"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_BSN">
  <xsd:annotation>
    <xsd:documentation>To transmit identifying numbers, dates, and other basic data relating to the transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Transaction_Set_Purpose_Code" type="E_353"/>
    <xsd:element name="E_Shipment_Identification" type="E_396"/>
    <xsd:element name="E_Date" type="E_373"/>
    <xsd:element name="E_Time" type="E_337"/>
    <xsd:element name="E_Hierarchical_Structure_Code" type="E_1005" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Transaction_Type_Code" type="E_640" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Status_Reason_Code" type="E_641" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="BSN"/>
  <xsd:attribute name="Name" type="xsd:string" default="Beginning Segment for Ship Notice"/>
</xsd:complexType>
<xsd:complexType name="E_353">
  <xsd:annotation>
    <xsd:documentation>Code identifying purpose of transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="00"/>
      <xsd:enumeration value="01"/>
      <xsd:enumeration value="CO"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="353"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Transaction Set Purpose Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_396">
  <xsd:annotation>
    <xsd:documentation>A unique control number assigned by the original shipper to identify a specific shipment</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="2"/>
      <xsd:maxLength value="30"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="396"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Shipment Identification"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_373">
  <xsd:annotation>
    <xsd:documentation>Date expressed as CCYYMMDD</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="8"/>
      <xsd:maxLength value="8"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="DT"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="373"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Date"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_337">
  <xsd:annotation>
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<xsd:documentation>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

</xsd:documentation>

</xsd:annotation>

<xsd:simpleContent>

<xsd:restriction base="EDI-Element-String-Type">

<xsd:minLength value="4"/>

<xsd:maxLength value="8"/>

<xsd:attribute name="EDIDataType" type="xsd:string" fixed="TM"/>

<xsd:attribute name="ID" type="xsd:string" fixed="337"/>

<xsd:attribute name="Name" type="xsd:string" fixed="Time"/>

</xsd:restriction>

</xsd:simpleContent>

</xsd:complexType>

<xsd:complexType name="E_1005">

<xsd:annotation>

<xsd:documentation>Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set</xsd:documentation>

</xsd:annotation>

<xsd:simpleContent>

<xsd:restriction base="EDI-Element-String-Type">

<xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>

<xsd:attribute name="ID" type="xsd:string" fixed="1005"/>

<xsd:attribute name="Name" type="xsd:string" fixed="Hierarchical Structure Code"/>

</xsd:restriction>

</xsd:simpleContent>

</xsd:complexType>

<xsd:complexType name="E_640">

<xsd:annotation>

<xsd:documentation>Code specifying the type of transaction</xsd:documentation>

</xsd:annotation>

<xsd:simpleContent>

<xsd:restriction base="EDI-Element-String-Type">

<xsd:enumeration value="AS"/>

<xsd:enumeration value="U2"/>

<xsd:enumeration value="U4"/>

<xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>

<xsd:attribute name="ID" type="xsd:string" fixed="640"/>

<xsd:attribute name="Name" type="xsd:string" fixed="Transaction Type Code"/>

</xsd:restriction>

</xsd:simpleContent>

</xsd:complexType>

<xsd:complexType name="E_641">

<xsd:annotation>

<xsd:documentation>Code indicating the status reason</xsd:documentation>

</xsd:annotation>

<xsd:attribute name="Type" type="xsd:string" default="Element"/>

</xsd:complexType>

<xsd:complexType name="L_HL">

<xsd:annotation>

<xsd:documentation>To identify dependencies among and the content of hierarchically related groups of data segments</xsd:documentation>

</xsd:annotation>

<xsd:sequence>

<xsd:element name="S_Hierarchical_Level" type="S_HL"/>

<xsd:element name="S_Item_Identification" type="S_LIN"/>

<xsd:element name="S_Item_Detail_Shipment_" type="S_SN1" nillable="true" minOccurs="0"/>

<xsd:element name="S_Subline_Item_Detail" type="S_SLN" nillable="true" minOccurs="0" maxOccurs="unbounded"/>

<xsd:element name="S_Purchase_Order_Reference" type="S_PRF" nillable="true" minOccurs="0"/>

<xsd:element name="S_Product_Item_Description" type="S_PID" nillable="true" minOccurs="0" maxOccurs="200"/>

<xsd:element name="S_Carrier_Details_Quantity_and_Weight_" type="S_TD1" nillable="true" minOccurs="0" maxOccurs="20"/>

<xsd:element name="S_Carrier_Details_Routing_Sequence_Transit_Time_" type="S_TD5" nillable="true" minOccurs="0" maxOccurs="12"/>

<xsd:element name="S_Reference_Identification" type="S_REF" nillable="true" minOccurs="0" maxOccurs="unbounded"/>

<xsd:element name="L_Load_Detail" type="L_CLD" nillable="true" minOccurs="0" maxOccurs="200"/>

<xsd:element name="S_Date_Time_Reference" type="S_DTM" nillable="true" minOccurs="0" maxOccurs="10"/>

<xsd:element name="S_F_O_B_Related_Instructions" type="S_FOB" nillable="true" minOccurs="0"/>

<xsd:element name="L_Name" type="L_N1" nillable="true" minOccurs="0" maxOccurs="200"/>

<xsd:element name="S_Destination_Quantity" type="S_SDQ" nillable="true" minOccurs="0" maxOccurs="50"/>

<xsd:element name="S_Currency" type="S_CUR" nillable="true" minOccurs="0"/>

<xsd:element name="L_Service_Promotion_Allowance_or_Charge_Information" type="L_SAC" nillable="true" minOccurs="0" maxOccurs="unbounded"/>

<xsd:element name="L_Code_Source_Information" type="L_LM" nillable="true" minOccurs="0" maxOccurs="10"/>

</xsd:sequence>

<xsd:attribute name="Type" type="xsd:string" default="Loop"/>

<xsd:attribute name="ID" type="xsd:string" default="HL"/>

<xsd:attribute name="Name" type="xsd:string" default="Hierarchical Level"/>

</xsd:complexType>

<xsd:complexType name="S_HL">

<xsd:annotation>

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<xsd:documentation>To identify dependencies among and the content of hierarchically related groups of data segments</xsd:documentation>
</xsd:annotation>
<xsd:sequence>
  <xsd:element name="E_Hierarchical_ID_Number" type="E_628"/>
  <xsd:element name="E_Hierarchical_Parent_ID_Number" type="E_734" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Hierarchical_Level_Code" type="E_735"/>
  <xsd:element name="E_Hierarchical_Child_Code" type="E_736" nillable="true" minOccurs="0"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="HL"/>
<xsd:attribute name="Name" type="xsd:string" default="Hierarchical Level"/>
</xsd:complexType>
<xsd:complexType name="E_628">
  <xsd:annotation>
    <xsd:documentation>A unique number assigned by the sender to identify a particular data segment in a hierarchical structure</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="12"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="628"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Hierarchical ID Number"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_734">
  <xsd:annotation>
    <xsd:documentation>Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="12"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="734"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Hierarchical Parent ID Number"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_735">
  <xsd:annotation>
    <xsd:documentation>Code defining the characteristic of a level in a hierarchical structure</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="D"/>
      <xsd:enumeration value="I"/>
      <xsd:enumeration value="P"/>
      <xsd:enumeration value="S"/>
      <xsd:enumeration value="V"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="735"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Hierarchical Level Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_736">
  <xsd:annotation>
    <xsd:documentation>Code indicating if there are hierarchical child data segments subordinate to the level being described</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="0"/>
      <xsd:enumeration value="1"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="736"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Hierarchical Child Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_LIN">
  <xsd:annotation>
    <xsd:documentation>To specify basic item identification data</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Assigned_Identification" type="E_350" nillable="true" minOccurs="0"/>
  </xsd:sequence>
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<xsd:element name="E_Product_Service_ID_Qualifier" type="E_235"/>
<xsd:element name="E_Product_Service_ID" type="E_234"/>
<xsd:element name="E_Product_Service_ID_Qualifier_1" type="E_235_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_1" type="E_234_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_Qualifier_2" type="E_235_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_2" type="E_234_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_Qualifier_3" type="E_235_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_3" type="E_234_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_Qualifier_4" type="E_235_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_4" type="E_234_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_Qualifier_5" type="E_235_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_5" type="E_234_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_Qualifier_6" type="E_235_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_6" type="E_234_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_Qualifier_7" type="E_235_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_7" type="E_234_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_Qualifier_8" type="E_235_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_8" type="E_234_1" nillable="true" minOccurs="0"/>
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<xsd:element name="E_Product_Service_ID_9" type="E_234_1" nillable="true" minOccurs="0"/>
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<xsd:element name="E_Product_Service_ID_10" type="E_234_1" nillable="true" minOccurs="0"/>
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<xsd:element name="E_Product_Service_ID_11" type="E_234_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_Qualifier_12" type="E_235_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_12" type="E_234_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_Qualifier_13" type="E_235_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_13" type="E_234_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_Qualifier_14" type="E_235_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Product_Service_ID_14" type="E_234_1" nillable="true" minOccurs="0"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="LIN"/>
<xsd:attribute name="Name" type="xsd:string" default="Item Identification"/>
</xsd:complexType>
<xsd:complexType name="E_350">
<xsd:annotation>
<xsd:documentation>Alphanumeric characters assigned for differentiation within a transaction set</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
<xsd:restriction base="EDI-Element-String-Type">
<xsd:minLength value="1"/>
<xsd:maxLength value="20"/>
<xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
<xsd:attribute name="ID" type="xsd:string" fixed="350"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Assigned Identification"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_235">
<xsd:annotation>
<xsd:documentation>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
<xsd:restriction base="EDI-Element-String-Type">
<xsd:enumeration value="FS"/>
<xsd:enumeration value="MG"/>
<xsd:enumeration value="SV"/>
<xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
<xsd:attribute name="ID" type="xsd:string" fixed="235"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Product/Service ID Qualifier"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_234">
<xsd:annotation>
<xsd:documentation>Identifying number for a product or service</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
<xsd:restriction base="EDI-Element-String-Type">
<xsd:minLength value="1"/>
<xsd:maxLength value="48"/>
<xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
<xsd:attribute name="ID" type="xsd:string" fixed="234"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Product/Service ID"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
```

```
<xsd:complexType name="E_235_1">
  <xsd:annotation>
    <xsd:documentation>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_234_1">
  <xsd:annotation>
    <xsd:documentation>Identifying number for a product or service</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_SN1">
  <xsd:annotation>
    <xsd:documentation>To specify line-item detail relative to shipment</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Assigned_Identification" type="E_350_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Number_of_Units_Shipped" type="E_382"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355"/>
    <xsd:element name="E_Quantity_Shipped_to_Date" type="E_646" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Quantity_Ordered" type="E_330" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_1" type="E_355_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Returnable_Container_Load_Make-Up_Code" type="E_728" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Line_Item_Status_Code" type="E_668" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="SN1"/>
  <xsd:attribute name="Name" type="xsd:string" default="Item Detail (Shipment)"/>
</xsd:complexType>
<xsd:complexType name="E_350_1">
  <xsd:annotation>
    <xsd:documentation>Alphanumeric characters assigned for differentiation within a transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_382">
  <xsd:annotation>
    <xsd:documentation>Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-Decimal-Type">
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="R"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="382"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Number of Units Shipped"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_355">
  <xsd:annotation>
    <xsd:documentation>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="355"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Unit or Basis for Measurement Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_646">
  <xsd:annotation>
    <xsd:documentation>Number of units shipped to date</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_330">
  <xsd:annotation>
    <xsd:documentation>Quantity ordered</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_355_1">
  <xsd:annotation>
    <xsd:documentation>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</xsd:documentation>
  </xsd:annotation>
</xsd:complexType>
```

```
<xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_728">
  <xsd:annotation>
    <xsd:documentation>Code identifying the load make-up of the returnable containers in the shipment</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_668">
  <xsd:annotation>
    <xsd:documentation>Code specifying the action taken by the seller on a line item requested by the buyer</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_SLN">
  <xsd:annotation>
    <xsd:documentation>To specify product subline detail item data</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Assigned_Identification" type="E_350"/>
    <xsd:element name="E_Assigned_Identification_1" type="E_350_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Relationship_Code" type="E_662"/>
    <xsd:element name="E_Quantity" type="E_380" nillable="true" minOccurs="0"/>
    <xsd:element name="C_Composite_Unit_of_Measure" type="C_C001" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Unit_Price" type="E_212" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Basis_of_Unit_Price_Code" type="E_639" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Relationship_Code_1" type="E_662_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier" type="E_235_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID" type="E_234" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_1" type="E_235_3" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_1" type="E_234" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_2" type="E_235_4" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_2" type="E_234" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_3" type="E_235_5" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_3" type="E_234" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_4" type="E_235_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_4" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_5" type="E_235_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_5" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_6" type="E_235_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_6" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_7" type="E_235_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_7" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_8" type="E_235_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_8" type="E_234_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_Qualifier_9" type="E_235_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Service_ID_9" type="E_234_1" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="SLN"/>
  <xsd:attribute name="Name" type="xsd:string" default="Subline Item Detail"/>
</xsd:complexType>
<xsd:complexType name="E_662">
  <xsd:annotation>
    <xsd:documentation>Code indicating the relationship between entities</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="0"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="662"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Relationship Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_380">
  <xsd:annotation>
    <xsd:documentation>Numeric value of quantity</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-Decimal-Type">
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="R"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="380"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Quantity"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="C_C001">
```

```
<xsd:annotation>
  <xsd:documentation>To identify a composite unit of measure(See Figures Appendix for examples of use)</xsd:documentation>
</xsd:annotation>
<xsd:sequence>
  <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355_2"/>
  <xsd:element name="E_Exponent" type="E_1018" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Multiplier" type="E_649" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_1" type="E_355_1" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Exponent_1" type="E_1018" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Multiplier_1" type="E_649" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_2" type="E_355_1" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Exponent_2" type="E_1018" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Multiplier_2" type="E_649" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_3" type="E_355_1" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Exponent_3" type="E_1018" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Multiplier_3" type="E_649" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_4" type="E_355_1" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Exponent_4" type="E_1018" nillable="true" minOccurs="0"/>
  <xsd:element name="E_Multiplier_4" type="E_649" nillable="true" minOccurs="0"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Composite"/>
<xsd:attribute name="ID" type="xsd:string" default="C001"/>
<xsd:attribute name="Name" type="xsd:string" default="Composite Unit of Measure"/>
</xsd:complexType>
<xsd:complexType name="E_355_2">
  <xsd:annotation>
    <xsd:documentation>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="EA"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="355"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Unit or Basis for Measurement Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_1018">
  <xsd:annotation>
    <xsd:documentation>Power to which a unit is raised</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_649">
  <xsd:annotation>
    <xsd:documentation>Value to be used as a multiplier to obtain a new value</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_212">
  <xsd:annotation>
    <xsd:documentation>Price per unit of product, service, commodity, etc.</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_639">
  <xsd:annotation>
    <xsd:documentation>Code identifying the type of unit price for an item</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_662_1">
  <xsd:annotation>
    <xsd:documentation>Code indicating the relationship between entities</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_235_2">
  <xsd:annotation>
    <xsd:documentation>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="KF"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="235"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Product/Service ID Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
```

```
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_235_3">
  <xsd:annotation>
    <xsd:documentation>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="MF"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="235"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Product/Service ID Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_235_4">
  <xsd:annotation>
    <xsd:documentation>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="MG"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="235"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Product/Service ID Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_235_5">
  <xsd:annotation>
    <xsd:documentation>Code identifying the type/source of the descriptive number used in Product/Service ID (234)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="XZ"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="235"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Product/Service ID Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_PRF">
  <xsd:annotation>
    <xsd:documentation>To provide reference to a specific purchase order</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Purchase_Order_Number" type="E_324"/>
    <xsd:element name="E_Release_Number" type="E_328" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Change_Order_Sequence_Number" type="E_327" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Date" type="E_373" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Assigned_Identification" type="E_350_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Contract_Number" type="E_367" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Purchase_Order_Type_Code" type="E_92" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="PRF"/>
  <xsd:attribute name="Name" type="xsd:string" default="Purchase Order Reference"/>
</xsd:complexType>
<xsd:complexType name="E_324">
  <xsd:annotation>
    <xsd:documentation>Identifying number for Purchase Order assigned by the orderer/purchaser</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="22"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="324"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Purchase Order Number"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_328">
  <xsd:annotation>
    <xsd:documentation>Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction</xsd:documentation>
  </xsd:annotation>
</xsd:complexType>
```

```
<xsd:simpleContent>
  <xsd:restriction base="EDI-Element-String-Type">
    <xsd:minLength value="1"/>
    <xsd:maxLength value="30"/>
    <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
    <xsd:attribute name="ID" type="xsd:string" fixed="328"/>
    <xsd:attribute name="Name" type="xsd:string" fixed="Release Number"/>
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_327">
  <xsd:annotation>
    <xsd:documentation>Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_367">
  <xsd:annotation>
    <xsd:documentation>Contract number</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_92">
  <xsd:annotation>
    <xsd:documentation>Code specifying the type of Purchase Order</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_PID">
  <xsd:annotation>
    <xsd:documentation>To describe a product or process in coded or free-form format</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Item_Description_Type" type="E_349"/>
    <xsd:element name="E_Product_Process_Characteristic_Code" type="E_750" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Agency_Qualifier_Code" type="E_559" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Product_Description_Code" type="E_751" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Description" type="E_352"/>
    <xsd:element name="E_Surface_Layer_Position_Code" type="E_752" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Source_Subqualifier" type="E_822" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Yes_No_Condition_or_Response_Code" type="E_1073" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Language_Code" type="E_819" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="PID"/>
  <xsd:attribute name="Name" type="xsd:string" default="Product/Item Description"/>
</xsd:complexType>
<xsd:complexType name="E_349">
  <xsd:annotation>
    <xsd:documentation>Code indicating the format of a description</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="F"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="349"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Item Description Type"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_750">
  <xsd:annotation>
    <xsd:documentation>Code identifying the general class of a product or process characteristic</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_559">
  <xsd:annotation>
    <xsd:documentation>Code identifying the agency assigning the code values</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_751">
  <xsd:annotation>
    <xsd:documentation>A code from an industry code list which provides specific data about a product characteristic</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
```

```

</xsd:complexType>
<xsd:complexType name="E_352">
  <xsd:annotation>
    <xsd:documentation>A free-form description to clarify the related data elements and their content</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="80"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="352"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Description"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_752">
  <xsd:annotation>
    <xsd:documentation>Code indicating the product surface, layer or position that is being described</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_822">
  <xsd:annotation>
    <xsd:documentation>A reference that indicates the table or text maintained by the Source Qualifier</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_1073">
  <xsd:annotation>
    <xsd:documentation>Code indicating a Yes or No condition or response</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_819">
  <xsd:annotation>
    <xsd:documentation>Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)</xsd:documentation>
  </xsd:annotation>
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  <xsd:annotation>
    <xsd:documentation>To specify the transportation details relative to commodity, weight, and quantity</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Packaging_Code" type="E_103" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Lading_Quantity" type="E_80" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Commodity_Code_Qualifier" type="E_23" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Commodity_Code" type="E_22" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Lading_Description" type="E_79" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Weight_Qualifier" type="E_187" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Weight" type="E_81" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355_3" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Volume" type="E_183" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code_1" type="E_355_1" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="TD1"/>
  <xsd:attribute name="Name" type="xsd:string" default="Carrier Details (Quantity and Weight)"/>
</xsd:complexType>
<xsd:complexType name="E_103">
  <xsd:annotation>
    <xsd:documentation>Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_80">
  <xsd:annotation>
    <xsd:documentation>Number of units (pieces) of the lading commodity</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_23">
  <xsd:annotation>
    <xsd:documentation>Code identifying the commodity coding system used for Commodity Code</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>

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</xsd:complexType>
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  <xsd:annotation>
    <xsd:documentation>Code describing a commodity or group of commodities</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
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  <xsd:annotation>
    <xsd:documentation>Description of an item as required for rating and billing purposes</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
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  </xsd:annotation>
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  <xsd:annotation>
    <xsd:documentation>Numeric value of weight</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
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      <xsd:attribute name="ID" type="xsd:string" fixed="81"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Weight"/>
    </xsd:restriction>
  </xsd:simpleContent>
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  </xsd:annotation>
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      <xsd:attribute name="Name" type="xsd:string" fixed="Unit or Basis for Measurement Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
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  </xsd:annotation>
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    <xsd:documentation>To specify the carrier and sequence of routing and provide transit time information</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Routing_Sequence_Code" type="E_133" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Identification_Code_Qualifier" type="E_66" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Identification_Code" type="E_67" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Transportation_Method_Type_Code" type="E_91" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Routing" type="E_387" nillable="true" minOccurs="0"/>
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    <xsd:element name="E_Location_Qualifier" type="E_309" nillable="true" minOccurs="0"/>
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    <xsd:element name="E_Transit_Direction_Code" type="E_731" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Transit_Time_Direction_Qualifier" type="E_732" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Transit_Time" type="E_733" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Service_Level_Code" type="E_284" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Service_Level_Code_1" type="E_284" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Service_Level_Code_2" type="E_284" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Country_Code" type="E_26" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
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  <xsd:attribute name="Name" type="xsd:string" default="Carrier Details (Routing Sequence/Transit Time)"/>
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<xsd:documentation>Code describing the relationship of a carrier to a specific shipment movement</xsd:documentation>
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  </xsd:annotation>
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  </xsd:annotation>
  <xsd:simpleContent>
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      <xsd:attribute name="Name" type="xsd:string" fixed="Transportation Method/Type Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
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  <xsd:annotation>
    <xsd:documentation>Free-form description of the routing or requested routing for shipment, or the originating carrier's identity</xsd:documentation>
  </xsd:annotation>
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  <xsd:annotation>
    <xsd:documentation>Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction</xsd:documentation>
  </xsd:annotation>
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  <xsd:annotation>
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  </xsd:annotation>
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  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
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  <xsd:annotation>
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  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
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<xsd:complexType name="E_733">
  <xsd:annotation>
    <xsd:documentation>The numeric amount of transit time</xsd:documentation>
  </xsd:annotation>
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  <xsd:annotation>
    <xsd:documentation>Code indicating the level of transportation service or the billing service offered by the transportation carrier</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
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  <xsd:documentation>Code identifying the country</xsd:documentation>
</xsd:annotation>
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  </xsd:annotation>
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    <xsd:element name="E_Description" type="E_352" nillable="true" minOccurs="0"/>
    <xsd:element name="C_Reference_Identifier" type="C_C040" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
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<xsd:complexType name="E_128">
  <xsd:annotation>
    <xsd:documentation>Code qualifying the Reference Identification</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
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      <xsd:enumeration value="RE"/>
      <xsd:enumeration value="TG"/>
      <xsd:enumeration value="U3"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="128"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Reference Identification Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
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    <xsd:documentation>Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</xsd:documentation>
  </xsd:annotation>
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    <xsd:restriction base="EDI-Element-String-Type">
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      <xsd:attribute name="Name" type="xsd:string" fixed="Reference Identification"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="C_C040">
  <xsd:annotation>
    <xsd:documentation>To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Reference_Identification_Qualifier" type="E_128_1"/>
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    <xsd:element name="E_Reference_Identification_2" type="E_127_1"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Composite"/>
  <xsd:attribute name="ID" type="xsd:string" default="C040"/>
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  </xsd:annotation>
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    <xsd:element name="S_Load_Detail" type="S_CLD"/>
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  </xsd:sequence>
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    <xsd:documentation>To specify the number of material loads shipped</xsd:documentation>
  </xsd:annotation>
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    <xsd:element name="E_Number_of_Loads" type="E_622"/>
    <xsd:element name="E_Number_of_Units_Shipped" type="E_382"/>
    <xsd:element name="E_Packaging_Code" type="E_103" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Size" type="E_357" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355_4" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
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  <xsd:annotation>
    <xsd:documentation>Number of customer-defined loads shipped by the supplier</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-Integer-Type">
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="N0"/>
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      <xsd:attribute name="Name" type="xsd:string" fixed="Number of Loads"/>
    </xsd:restriction>
  </xsd:simpleContent>
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  <xsd:annotation>
    <xsd:documentation>Size of supplier units in pack</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
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    <xsd:documentation>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
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<xsd:documentation>To specify identifying information</xsd:documentation>
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    <xsd:documentation>Code qualifying the Reference Identification</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
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    </xsd:restriction>
  </xsd:simpleContent>
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  </xsd:annotation>
  <xsd:sequence>
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    <xsd:element name="E_Reference_Identification_1" type="E_127_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Reference_Identification_Qualifier_2" type="E_128_4" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Reference_Identification_2" type="E_127_2" nillable="true" minOccurs="0"/>
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  </xsd:annotation>
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  <xsd:annotation>
    <xsd:documentation>Code specifying type of date or time, or both date and time</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="011"/>
      <xsd:enumeration value="139"/>
      <xsd:enumeration value="198"/>
      <xsd:enumeration value="201"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="374"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Date/Time Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_337_1">
  <xsd:annotation>
    <xsd:documentation>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_623">
  <xsd:annotation>
    <xsd:documentation>Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_1250">
  <xsd:annotation>
    <xsd:documentation>Code indicating the date format, time format, or date and time format</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="1250"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Date Time Period Format Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_1251">
  <xsd:annotation>
    <xsd:documentation>Expression of a date, a time, or range of dates, times or dates and times</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="35"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="1251"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Date Time Period"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_FOB">
  <xsd:annotation>
    <xsd:documentation>To specify transportation instructions relating to shipment</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Shipment_Method_of_Payment" type="E_146"/>
    <xsd:element name="E_Location_Qualifier" type="E_309_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Description" type="E_352_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Transportation_Terms_Qualifier_Code" type="E_334" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Transportation_Terms_Code" type="E_335" nillable="true" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

```
<xsd:element name="E_Location_Qualifier_1" type="E_309" nillable="true" minOccurs="0"/>
<xsd:element name="E_Description_1" type="E_352_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Risk_of_Loss_Code" type="E_54" nillable="true" minOccurs="0"/>
<xsd:element name="E_Description_2" type="E_352_1" nillable="true" minOccurs="0"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="FOB"/>
<xsd:attribute name="Name" type="xsd:string" default="F.O.B. Related Instructions"/>
</xsd:complexType>
<xsd:complexType name="E_146">
  <xsd:annotation>
    <xsd:documentation>Code identifying payment terms for transportation charges</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="DF"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="146"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Shipment Method of Payment"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_309_1">
  <xsd:annotation>
    <xsd:documentation>Code identifying type of location</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="DE"/>
      <xsd:enumeration value="IT"/>
      <xsd:enumeration value="OR"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="309"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Location Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_334">
  <xsd:annotation>
    <xsd:documentation>Code identifying the source of the transportation terms</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_335">
  <xsd:annotation>
    <xsd:documentation>Code identifying the trade terms which apply to the shipment transportation responsibility</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_54">
  <xsd:annotation>
    <xsd:documentation>Code specifying where responsibility for risk of loss passes</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="L_N1">
  <xsd:annotation>
    <xsd:documentation>To identify a party by type of organization, name, and code</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="S_Name" type="S_N1"/>
    <xsd:element name="S_Additional_Name_Information" type="S_N2" nillable="true" minOccurs="0" maxOccurs="2"/>
    <xsd:element name="S_Address_Information" type="S_N3" nillable="true" minOccurs="0" maxOccurs="2"/>
    <xsd:element name="S_Geographic_Location" type="S_N4" nillable="true" minOccurs="0"/>
    <xsd:element name="S_Administrative_Communications_Contact" type="S_PER" nillable="true" minOccurs="0" maxOccurs="3"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Loop"/>
  <xsd:attribute name="ID" type="xsd:string" default="N1"/>
  <xsd:attribute name="Name" type="xsd:string" default="Name"/>
</xsd:complexType>
<xsd:complexType name="S_N1">
  <xsd:annotation>
    <xsd:documentation>To identify a party by type of organization, name, and code</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Entity_Identifier_Code" type="E_98"/>
    <xsd:element name="E_Name" type="E_93" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Identification_Code_Qualifier" type="E_66_1" nillable="true" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

```
<xsd:element name="E_Identification_Code" type="E_67_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Entity_Relationship_Code" type="E_706" nillable="true" minOccurs="0"/>
<xsd:element name="E_Entity_Identifier_Code_1" type="E_98_1" nillable="true" minOccurs="0"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="N1"/>
<xsd:attribute name="Name" type="xsd:string" default="Name"/>
</xsd:complexType>
<xsd:complexType name="E_98">
  <xsd:annotation>
    <xsd:documentation>Code identifying an organizational entity, a physical location, property or an individual</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="BY"/>
      <xsd:enumeration value="C4"/>
      <xsd:enumeration value="CJ"/>
      <xsd:enumeration value="KZ"/>
      <xsd:enumeration value="L1"/>
      <xsd:enumeration value="PO"/>
      <xsd:enumeration value="PR"/>
      <xsd:enumeration value="SE"/>
      <xsd:enumeration value="SF"/>
      <xsd:enumeration value="ST"/>
      <xsd:enumeration value="SV"/>
      <xsd:enumeration value="Z7"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="98"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Entity Identifier Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_93">
  <xsd:annotation>
    <xsd:documentation>Free-form name</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_66_1">
  <xsd:annotation>
    <xsd:documentation>Code designating the system/method of code structure used for Identification Code (67)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="1"/>
      <xsd:enumeration value="9"/>
      <xsd:enumeration value="10"/>
      <xsd:enumeration value="33"/>
      <xsd:enumeration value="A2"/>
      <xsd:enumeration value="ZZ"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="66"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Identification Code Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_67_1">
  <xsd:annotation>
    <xsd:documentation>Code identifying a party or other code</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="2"/>
      <xsd:maxLength value="80"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="67"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Identification Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_706">
  <xsd:annotation>
    <xsd:documentation>Code describing entity relationship</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_98_1">
  <xsd:annotation>
```

```
<xsd:documentation>Code identifying an organizational entity, a physical location, property or an individual</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
  <xsd:restriction base="EDI-Element-String-Type">
    <xsd:enumeration value="FR"/>
    <xsd:enumeration value="TO"/>
    <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
    <xsd:attribute name="ID" type="xsd:string" fixed="98"/>
    <xsd:attribute name="Name" type="xsd:string" fixed="Entity Identifier Code"/>
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_N2">
  <xsd:annotation>
    <xsd:documentation>To specify additional names or those longer than 35 characters in length</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Name" type="E_93_1"/>
    <xsd:element name="E_Name_1" type="E_93_1" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="N2"/>
  <xsd:attribute name="Name" type="xsd:string" default="Additional Name Information"/>
</xsd:complexType>
<xsd:complexType name="E_93_1">
  <xsd:annotation>
    <xsd:documentation>Free-form name</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="60"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="93"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Name"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_N3">
  <xsd:annotation>
    <xsd:documentation>To specify the location of the named party</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Address_Information" type="E_166"/>
    <xsd:element name="E_Address_Information_1" type="E_166" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="N3"/>
  <xsd:attribute name="Name" type="xsd:string" default="Address Information"/>
</xsd:complexType>
<xsd:complexType name="E_166">
  <xsd:annotation>
    <xsd:documentation>Address information</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="55"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="166"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Address Information"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_N4">
  <xsd:annotation>
    <xsd:documentation>To specify the geographic place of the named party</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_City_Name" type="E_19" nillable="true" minOccurs="0"/>
    <xsd:element name="E_State_or_Province_Code" type="E_156" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Postal_Code" type="E_116" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Country_Code" type="E_26_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Location_Qualifier" type="E_309_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Location_Identifier" type="E_310_1" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="N4"/>
```

```
<xsd:attribute name="Name" type="xsd:string" default="Geographic Location"/>
</xsd:complexType>
<xsd:complexType name="E_19">
  <xsd:annotation>
    <xsd:documentation>Free-form text for city name</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="2"/>
      <xsd:maxLength value="30"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="19"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="City Name"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_156">
  <xsd:annotation>
    <xsd:documentation>Code (Standard State/Province) as defined by appropriate government agency</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="2"/>
      <xsd:maxLength value="2"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="156"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="State or Province Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_116">
  <xsd:annotation>
    <xsd:documentation>Code defining international postal zone code excluding punctuation and blanks (zip code for United States)</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="3"/>
      <xsd:maxLength value="15"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="116"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Postal Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_26_1">
  <xsd:annotation>
    <xsd:documentation>Code identifying the country</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="2"/>
      <xsd:maxLength value="3"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="26"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Country Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_309_2">
  <xsd:annotation>
    <xsd:documentation>Code identifying type of location</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="AR"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="309"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Location Qualifier"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_310_1">
  <xsd:annotation>
    <xsd:documentation>Code which identifies a specific location</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
```

```
<xsd:maxLength value="30"/>
<xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
<xsd:attribute name="ID" type="xsd:string" fixed="310"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Location Identifier"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_PER">
<xsd:annotation>
<xsd:documentation>To identify a person or office to whom administrative communications should be directed</xsd:documentation>
</xsd:annotation>
<xsd:sequence>
<xsd:element name="E_Contact_Function_Code" type="E_366"/>
<xsd:element name="E_Name" type="E_93_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Communication_Number_Qualifier" type="E_365" nillable="true" minOccurs="0"/>
<xsd:element name="E_Communication_Number" type="E_364" nillable="true" minOccurs="0"/>
<xsd:element name="E_Communication_Number_Qualifier_1" type="E_365_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Communication_Number_1" type="E_364_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Communication_Number_Qualifier_2" type="E_365_1" nillable="true" minOccurs="0"/>
<xsd:element name="E_Communication_Number_2" type="E_364_1" nillable="true" minOccurs="0"/>
<xsd:element name="E>Contact_Inquiry_Reference" type="E_443" nillable="true" minOccurs="0"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="PER"/>
<xsd:attribute name="Name" type="xsd:string" default="Administrative Communications Contact"/>
</xsd:complexType>
<xsd:complexType name="E_366">
<xsd:annotation>
<xsd:documentation>Code identifying the major duty or responsibility of the person or group named</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
<xsd:restriction base="EDI-Element-String-Type">
<xsd:enumeration value="IC"/>
<xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
<xsd:attribute name="ID" type="xsd:string" fixed="366"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Contact Function Code"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_365">
<xsd:annotation>
<xsd:documentation>Code identifying the type of communication number</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
<xsd:restriction base="EDI-Element-String-Type">
<xsd:enumeration value="TE"/>
<xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
<xsd:attribute name="ID" type="xsd:string" fixed="365"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Communication Number Qualifier"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_364">
<xsd:annotation>
<xsd:documentation>Complete communications number including country or area code when applicable</xsd:documentation>
</xsd:annotation>
<xsd:simpleContent>
<xsd:restriction base="EDI-Element-String-Type">
<xsd:minLength value="1"/>
<xsd:maxLength value="80"/>
<xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
<xsd:attribute name="ID" type="xsd:string" fixed="364"/>
<xsd:attribute name="Name" type="xsd:string" fixed="Communication Number"/>
</xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_365_1">
<xsd:annotation>
<xsd:documentation>Code identifying the type of communication number</xsd:documentation>
</xsd:annotation>
<xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_364_1">
<xsd:annotation>
<xsd:documentation>Complete communications number including country or area code when applicable</xsd:documentation>
</xsd:annotation>
<xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
```

```
<xsd:complexType name="E_443">
  <xsd:annotation>
    <xsd:documentation>Additional reference number or description to clarify a contact number</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="S_SDQ">
  <xsd:annotation>
    <xsd:documentation>To specify destination and quantity detail</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355_5"/>
    <xsd:element name="E_Identification_Code_Qualifier" type="E_66" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Identification_Code" type="E_67_1"/>
    <xsd:element name="E_Quantity" type="E_380"/>
    <xsd:element name="E_Identification_Code_1" type="E_67_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Quantity_1" type="E_380" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Identification_Code_2" type="E_67_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Quantity_2" type="E_380" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Identification_Code_3" type="E_67_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Quantity_3" type="E_380" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Identification_Code_4" type="E_67_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Quantity_4" type="E_380" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Identification_Code_5" type="E_67_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Quantity_5" type="E_380" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Identification_Code_6" type="E_67_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Quantity_6" type="E_380" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Identification_Code_7" type="E_67_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Quantity_7" type="E_380" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Identification_Code_8" type="E_67_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Quantity_8" type="E_380" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Identification_Code_9" type="E_67_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Quantity_9" type="E_380" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Location_Identifier" type="E_310_1" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="SDQ"/>
  <xsd:attribute name="Name" type="xsd:string" default="Destination Quantity"/>
</xsd:complexType>
<xsd:complexType name="E_355_5">
  <xsd:annotation>
    <xsd:documentation>Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="ZZ"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="355"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Unit or Basis for Measurement Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_CUR">
  <xsd:annotation>
    <xsd:documentation>To specify the currency (dollars, pounds, francs, etc.) used in a transaction</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Entity_Identifier_Code" type="E_98_2"/>
    <xsd:element name="E_Currency_Code" type="E_100"/>
    <xsd:element name="E_Exchange_Rate" type="E_280" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Entity_Identifier_Code_1" type="E_98_3" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Currency_Code_1" type="E_100_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Currency_Market_Exchange_Code" type="E_669" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Date_Time_Qualifier" type="E_374_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Date" type="E_373_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Time" type="E_337_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Date_Time_Qualifier_1" type="E_374_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Date_1" type="E_373_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Time_1" type="E_337_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Date_Time_Qualifier_2" type="E_374_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Date_2" type="E_373_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Time_2" type="E_337_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Date_Time_Qualifier_3" type="E_374_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Date_3" type="E_373_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Time_3" type="E_337_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Date_Time_Qualifier_4" type="E_374_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Date_4" type="E_373_1" nillable="true" minOccurs="0"/>
```

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<xsd:element name="E_Time_4" type="E_337_1" nillable="true" minOccurs="0"/>
</xsd:sequence>
<xsd:attribute name="Type" type="xsd:string" default="Segment"/>
<xsd:attribute name="ID" type="xsd:string" default="CUR"/>
<xsd:attribute name="Name" type="xsd:string" default="Currency"/>
</xsd:complexType>
<xsd:complexType name="E_98_2">
  <xsd:annotation>
    <xsd:documentation>Code identifying an organizational entity, a physical location, property or an individual</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="BY"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="98"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Entity Identifier Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_100">
  <xsd:annotation>
    <xsd:documentation>Code (Standard ISO) for country in whose currency the charges are specified</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="3"/>
      <xsd:maxLength value="3"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="100"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Currency Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_280">
  <xsd:annotation>
    <xsd:documentation>Value to be used as a multiplier conversion factor to convert monetary value from one currency to another</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_98_3">
  <xsd:annotation>
    <xsd:documentation>Code identifying an organizational entity, a physical location, property or an individual</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_100_1">
  <xsd:annotation>
    <xsd:documentation>Code (Standard ISO) for country in whose currency the charges are specified</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_669">
  <xsd:annotation>
    <xsd:documentation>Code identifying the market upon which the currency exchange rate is based</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_374_1">
  <xsd:annotation>
    <xsd:documentation>Code specifying type of date or time, or both date and time</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_373_1">
  <xsd:annotation>
    <xsd:documentation>Date expressed as CCYYMMDD</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="L_SAC">
  <xsd:annotation>
    <xsd:documentation>To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="S_Service__Promotion__Allowance__or_Charge_Information" type="S_SAC"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Loop"/>

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<xsd:attribute name="ID" type="xsd:string" default="SAC"/>
<xsd:attribute name="Name" type="xsd:string" default="Service, Promotion, Allowance, or Charge Information"/>
</xsd:complexType>
<xsd:complexType name="S_SAC">
  <xsd:annotation>
    <xsd:documentation>To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Allowance_or_Charge_Indicator" type="E_248"/>
    <xsd:element name="E_Service_Promotion_Allowance_or_Charge_Code" type="E_1300" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Agency_Qualifier_Code" type="E_559" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Agency_Service_Promotion_Allowance_or_Charge_Code" type="E_1301" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Amount" type="E_610" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Allowance_Charge_Percent_Qualifier" type="E_378" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Percent" type="E_332" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Rate" type="E_118" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Unit_or_Basis_for_Measurement_Code" type="E_355_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Quantity" type="E_380_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Quantity_1" type="E_380_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Allowance_or_Charge_Method_of_Handling_Code" type="E_331" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Reference_Identification" type="E_127_2" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Option_Number" type="E_770" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Description" type="E_352_1" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Language_Code" type="E_819" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="SAC"/>
  <xsd:attribute name="Name" type="xsd:string" default="Service, Promotion, Allowance, or Charge Information"/>
</xsd:complexType>
<xsd:complexType name="E_248">
  <xsd:annotation>
    <xsd:documentation>Code which indicates an allowance or charge for the service specified</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="N"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="248"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Allowance or Charge Indicator"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_1300">
  <xsd:annotation>
    <xsd:documentation>Code identifying the service, promotion, allowance, or charge</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="B020"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="1300"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Service, Promotion, Allowance, or Charge Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_1301">
  <xsd:annotation>
    <xsd:documentation>Agency maintained code identifying the service, promotion, allowance, or charge</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_610">
  <xsd:annotation>
    <xsd:documentation>Monetary amount</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_378">
  <xsd:annotation>
    <xsd:documentation>Code indicating on what basis allowance or charge percent is calculated</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_332">
  <xsd:annotation>
    <xsd:documentation>Percent expressed as a percent</xsd:documentation>
  </xsd:annotation>
</xsd:complexType>
```

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<xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_118">
  <xsd:annotation>
    <xsd:documentation>Rate expressed in the standard monetary denomination for the currency specified</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_380_1">
  <xsd:annotation>
    <xsd:documentation>Numeric value of quantity</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_331">
  <xsd:annotation>
    <xsd:documentation>Code indicating method of handling for an allowance or charge</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="E_770">
  <xsd:annotation>
    <xsd:documentation>A unique number identifying available promotion or allowance options when more than one is offered</xsd:documentation>
  </xsd:annotation>
  <xsd:attribute name="Type" type="xsd:string" default="Element"/>
</xsd:complexType>
<xsd:complexType name="L_LM">
  <xsd:annotation>
    <xsd:documentation>To transmit standard code list identification information</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="S_Code_Source_Information" type="S_LM"/>
    <xsd:element name="S_Industry_Code" type="S_LQ" maxOccurs="100"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Loop"/>
  <xsd:attribute name="ID" type="xsd:string" default="LM"/>
  <xsd:attribute name="Name" type="xsd:string" default="Code Source Information"/>
</xsd:complexType>
<xsd:complexType name="S_LM">
  <xsd:annotation>
    <xsd:documentation>To transmit standard code list identification information</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Agency_Qualifier_Code" type="E_559_1"/>
    <xsd:element name="E_Source_Subqualifier" type="E_822" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="LM"/>
  <xsd:attribute name="Name" type="xsd:string" default="Code Source Information"/>
</xsd:complexType>
<xsd:complexType name="E_559_1">
  <xsd:annotation>
    <xsd:documentation>Code identifying the agency assigning the code values</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:enumeration value="DF"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="559"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Agency Qualifier Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_LQ">
  <xsd:annotation>
    <xsd:documentation>Code to transmit standard industry codes</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Code_List_Qualifier_Code" type="E_1270" nillable="true" minOccurs="0"/>
    <xsd:element name="E_Industry_Code" type="E_1271" nillable="true" minOccurs="0"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="LQ"/>
  <xsd:attribute name="Name" type="xsd:string" default="Industry Code"/>
</xsd:complexType>
<xsd:complexType name="E_1270">
  <xsd:annotation>
    <xsd:documentation>Code identifying a specific industry code list</xsd:documentation>
  </xsd:annotation>
```

```
</xsd:annotation>
<xsd:simpleContent>
  <xsd:restriction base="EDI-Element-String-Type">
    <xsd:enumeration value="0"/>
    <xsd:enumeration value="6"/>
    <xsd:enumeration value="7"/>
    <xsd:enumeration value="8"/>
    <xsd:enumeration value="10"/>
    <xsd:enumeration value="14"/>
    <xsd:enumeration value="16"/>
    <xsd:attribute name="EDIDataType" type="xsd:string" fixed="ID"/>
    <xsd:attribute name="ID" type="xsd:string" fixed="1270"/>
    <xsd:attribute name="Name" type="xsd:string" fixed="Code List Qualifier Code"/>
  </xsd:restriction>
</xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="E_1271">
  <xsd:annotation>
    <xsd:documentation>Code indicating a code from a specific industry code list</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="30"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="AN"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="1271"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Industry Code"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
<xsd:complexType name="S_SE">
  <xsd:annotation>
    <xsd:documentation>To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)</xsd:documentation>
  </xsd:annotation>
  <xsd:sequence>
    <xsd:element name="E_Number_of_Included_Segments" type="E_96"/>
    <xsd:element name="E_Transaction_Set_Control_Number" type="E_329"/>
  </xsd:sequence>
  <xsd:attribute name="Type" type="xsd:string" default="Segment"/>
  <xsd:attribute name="ID" type="xsd:string" default="SE"/>
  <xsd:attribute name="Name" type="xsd:string" default="Transaction Set Trailer"/>
</xsd:complexType>
<xsd:complexType name="E_96">
  <xsd:annotation>
    <xsd:documentation>Total number of segments included in a transaction set including ST and SE segments</xsd:documentation>
  </xsd:annotation>
  <xsd:simpleContent>
    <xsd:restriction base="EDI-Element-String-Type">
      <xsd:minLength value="1"/>
      <xsd:maxLength value="10"/>
      <xsd:attribute name="EDIDataType" type="xsd:string" fixed="N0"/>
      <xsd:attribute name="ID" type="xsd:string" fixed="96"/>
      <xsd:attribute name="Name" type="xsd:string" fixed="Number of Included Segments"/>
    </xsd:restriction>
  </xsd:simpleContent>
</xsd:complexType>
</xsd:schema>
```